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(54) Title: POLYMERISATION REACTION AND CATALYST THEREFOR

(57) **Abstract:** The invention provides a compound suitable for use as a catalyst for ring opening polymerisation reactions for example for the polymerisation of lactones, lactides etc, the catalyst comprising the reaction product of (i) an alkoxide, halide, condensed alkoxide, amide, condensed amide, mixed halo-alkoxide or, mixed halo-amide, sulphonic acid derivative, sulphonamide, silanol or silylamide of titanium zirconium, hafnium or aluminium or a mixture thereof, and (ii) a complexing compound selected from the list comprising oximes, hydroxy-Schiff bases, 8-hydroxyquinoline derivatives, 10-hydroxybenzo-[h]-quinoline derivatives, hydrazones and substituted phenols.